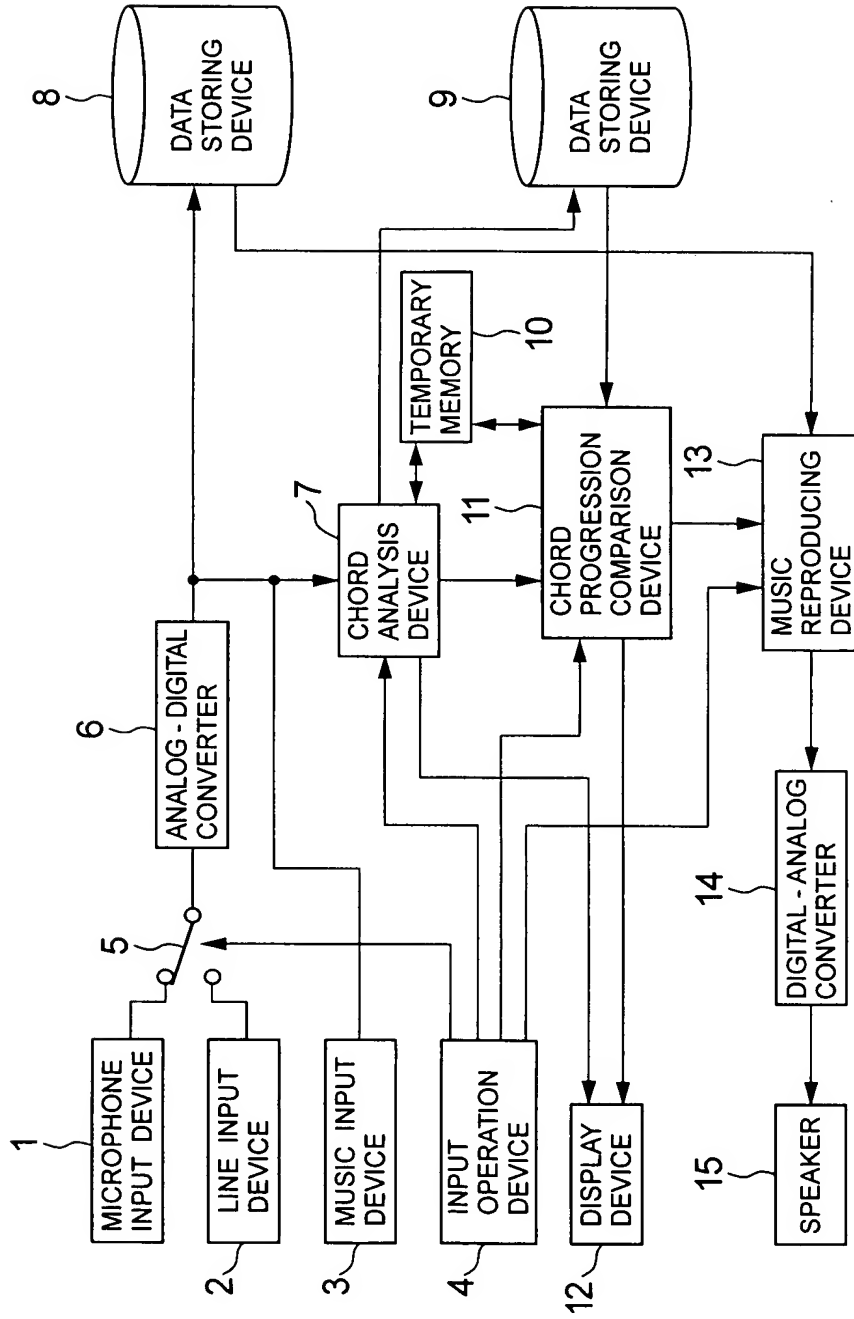


FIG.1



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FIG.2

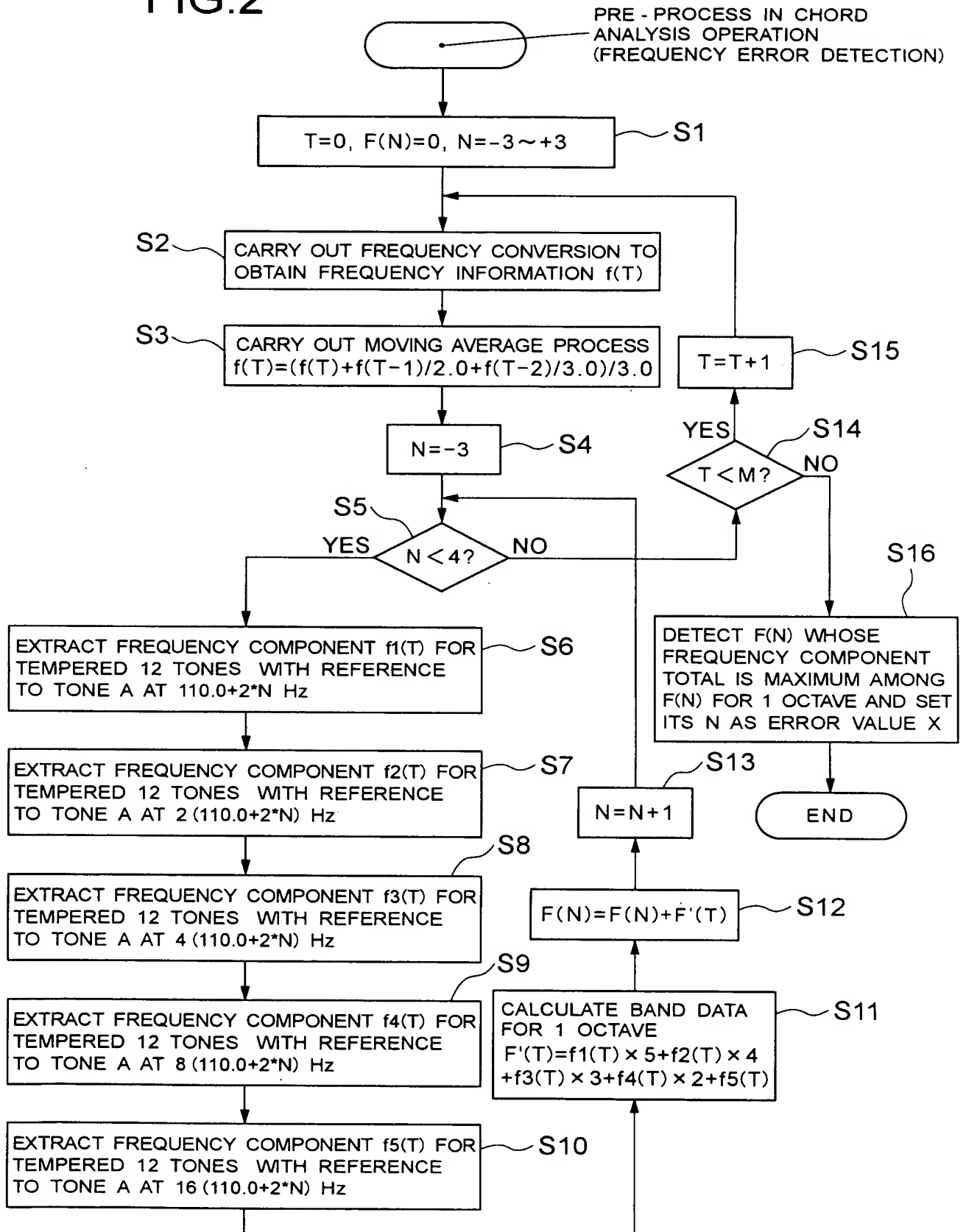
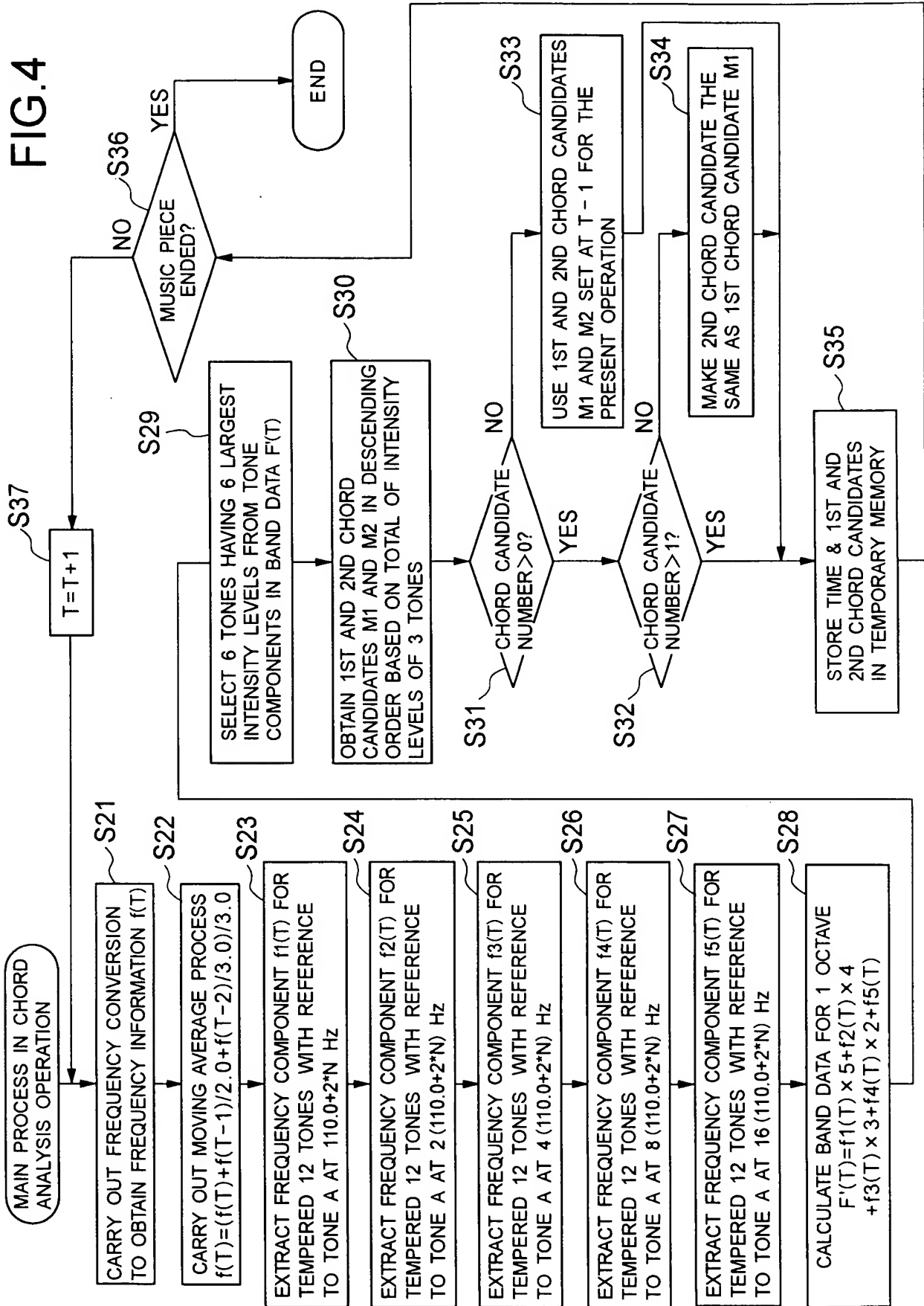


FIG.3

A	1.0
A#	$A \times 1.059163$
B	$A \times 1.124622$
C	$A \times 1.189207$
C#	$A \times 1.259921$
D	$A \times 1.334840$
D#	$A \times 1.414214$
E	$A \times 1.498307$
F	$A \times 1.587401$
F#	$A \times 1.681793$
G	$A \times 1.781797$
G#	$A \times 1.887749$
A	$A \times 2.0$

FIG. 4



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FIG.5

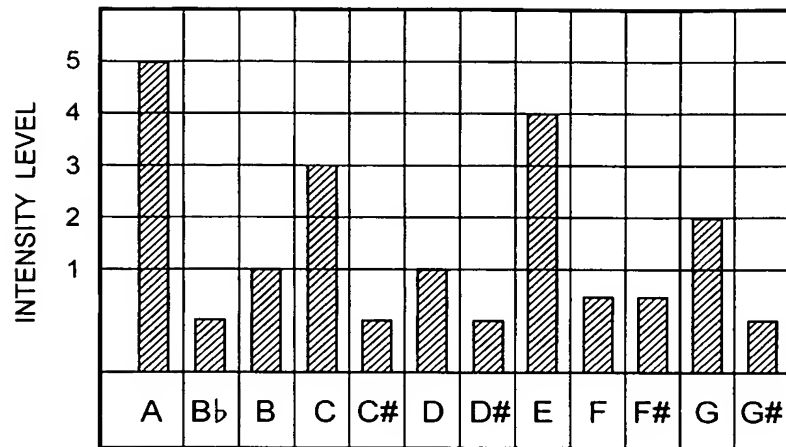


FIG.6

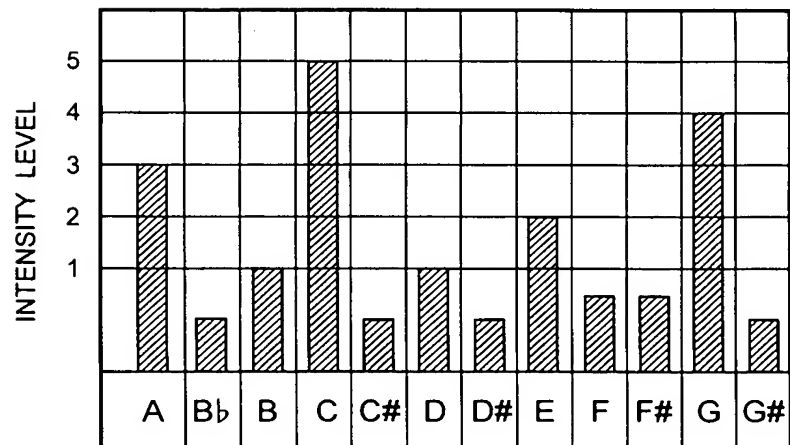


FIG.7

A+C+E+G(Am7)

→ A+C+E(Am) | C+E+G(C)

A+C+E ♭ +F#(Adim7)

→ A+C+E ♭ (Adim7 CANDIDATE) | C+E ♭ +F#(Cdim7 CANDIDATE)

A+C#+E+G(A7)

→ A+C#+E(A) | A+C#+G(A7 CANDIDATE) | C#+E+G(C#dim7 CANDIDATE)

A+C+E+G+B(Am7.9)

→ A+C+E(Am) | C+E+G(C) | E+G+B(Em)

FIG.8

TIME (4 BYTES) 1ST CHORD CANDIDATE (1 BYTE) 2ND CHORD CANDIDATE (1 BYTE)
TIME (4 BYTES) 1ST CHORD CANDIDATE (1 BYTE) 2ND CHORD CANDIDATE (1 BYTE)
⋮
TIME (4 BYTES) 1ST CHORD CANDIDATE (1 BYTE) 2ND CHORD CANDIDATE (1 BYTE)

FIG.9A

FUNDAMENTAL TONE	
A	0 × 00
A#	0 × 01
B	0 × 02
C	0 × 03
C#	0 × 04
D	0 × 05
D#	0 × 06
E	0 × 07
F	0 × 08
F#	0 × 09
G	0 × 0A
G#	0 × 0B

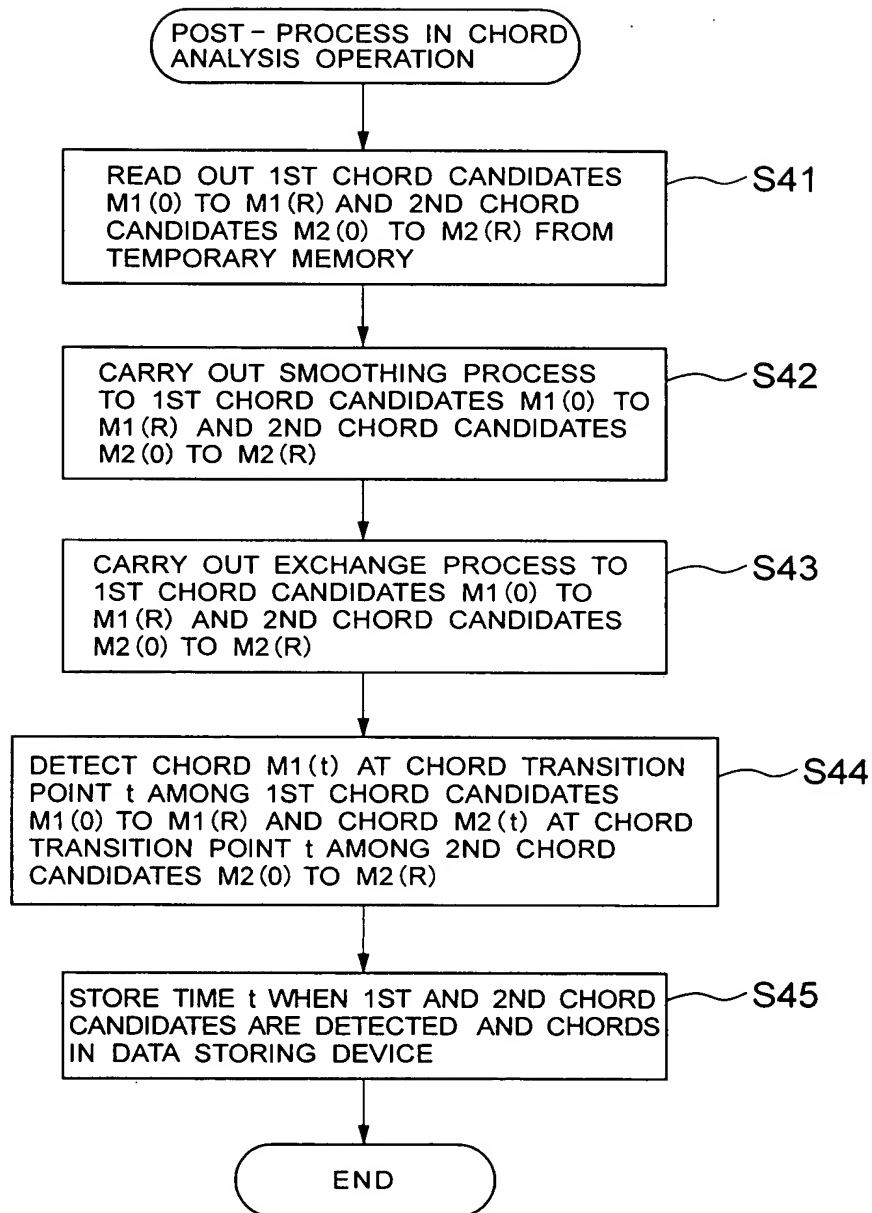
FIG.9B

ATTRIBUTE	
MAJOR	0 × 00
MINOR	0 × 02
7TH CANDIDATE	0 × 01
DIM 7TH CANDIDATE	0 × 03

FIG.9C

ATTRIBUTE (LOWER 4 BITS) + FUNDAMENTAL TONE (LOWER 4 BITS)

FIG.10



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FIG.11

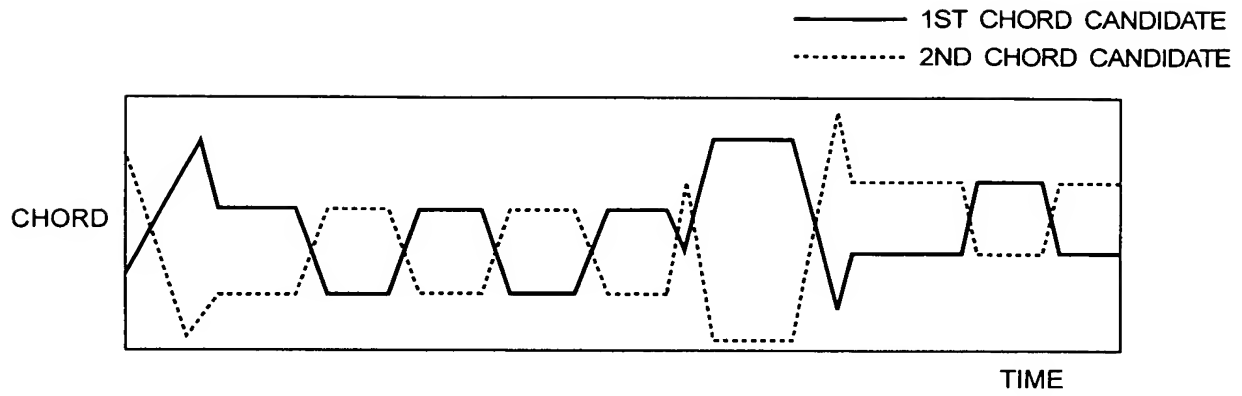


FIG.12

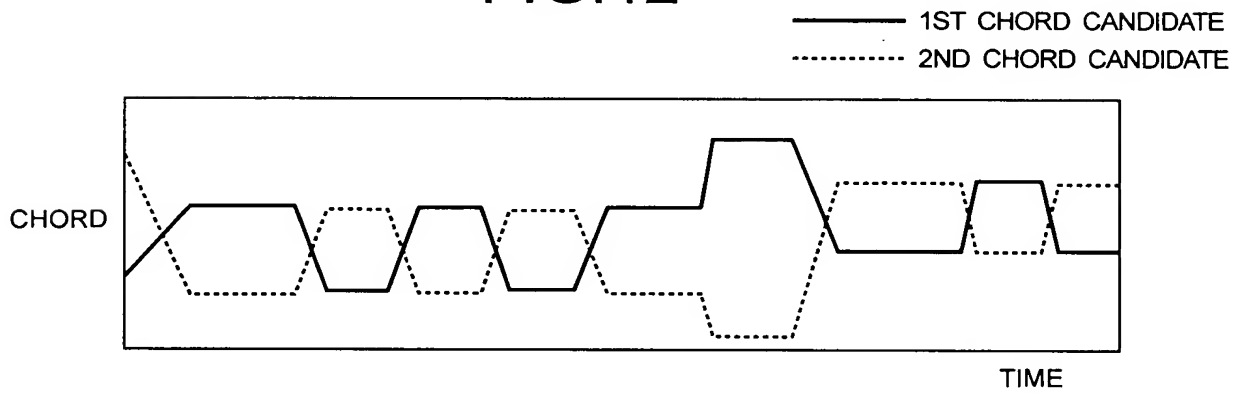
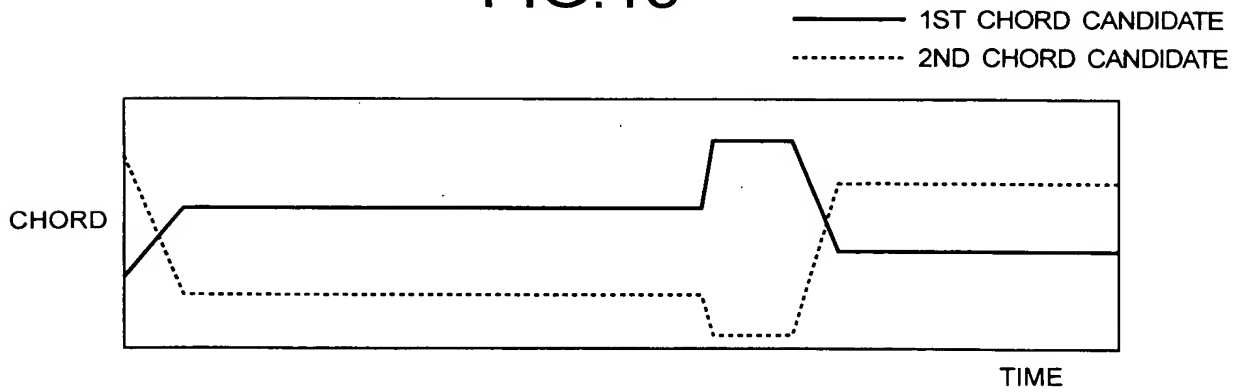
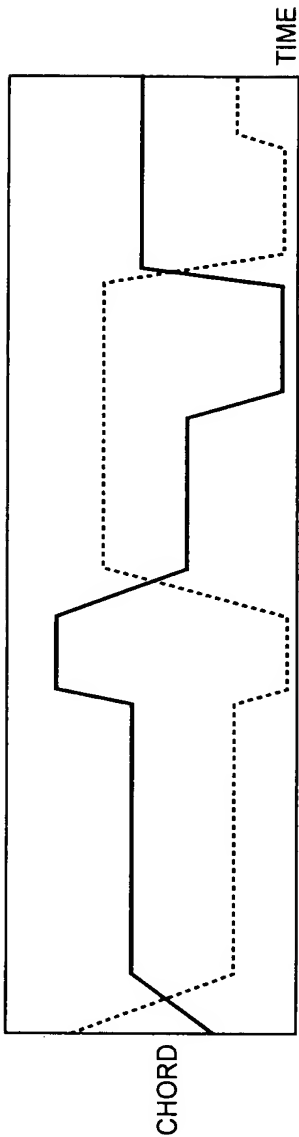


FIG.13



—— 1ST CHORD CANDIDATE
----- 2ND CHORD CANDIDATE



TRANSITION OF 1ST CHORD CANDIDATE	F	0 × 08	←TIME (T1(0))	G	0 × 0A	0 × 05	D	0 × 01	B ♭	F	0 × 08
					T1(1)	T1(2)		T1(3)			T1(4)
TRANSITION OF 2ND CHORD CANDIDATE	F	0 × 03	←TIME (T2(0))	B ♭	0 × 01	F♯m	F	0 × 01	B ♭	C	0 × 03
				T2(1)	T2(2)			T2(3)			T2(4)

IDENTIFICATION INFORMATION FOR MUSIC PIECES (FILE NAMES, ETC.) (512 BYTES)											
NUMBER OF 1ST CHORD											
CANDIDATES (4 BYTES)				T1(0) (4 BYTES) [0×08]				T1(1) (4 BYTES) [0×0A]		T1(2) (4 BYTES) [0×05]	
T1(3) (4 BYTES) [0×01]				T1(4) (4 BYTES) [0×08]						
NUMBER OF 2ND CHORD											
CANDIDATES (4 BYTES)				T2(0) (4 BYTES) [0×03]				T2(1) (4 BYTES) [0×01]		T2(2) (4 BYTES) [0×29]	
T2(3) (4 BYTES) [0×01]				T2(4) (4 BYTES) [0×03]						

FIG.14A

FIG.14B

FIG.14C

FIG.14D

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FIG.15

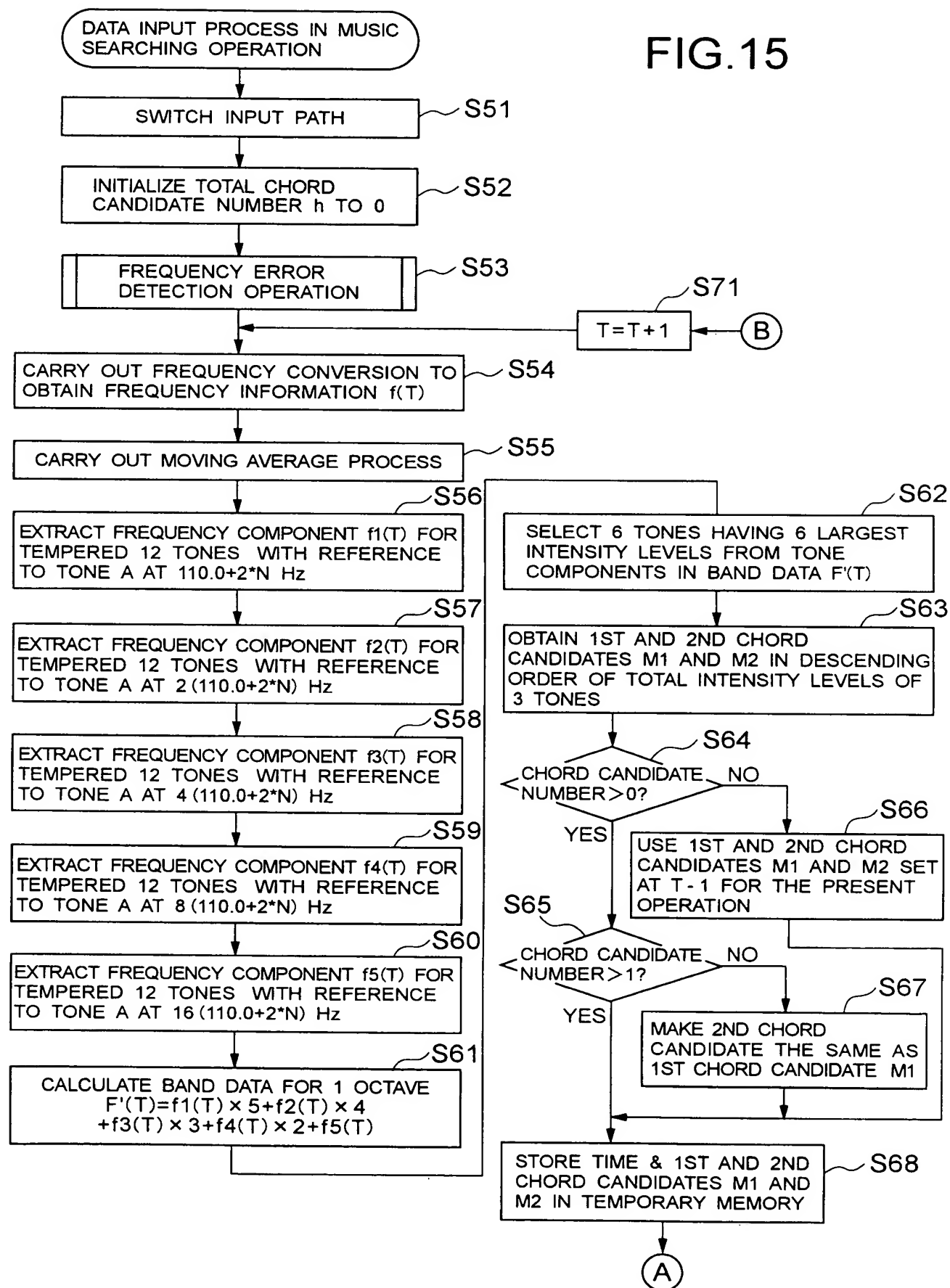
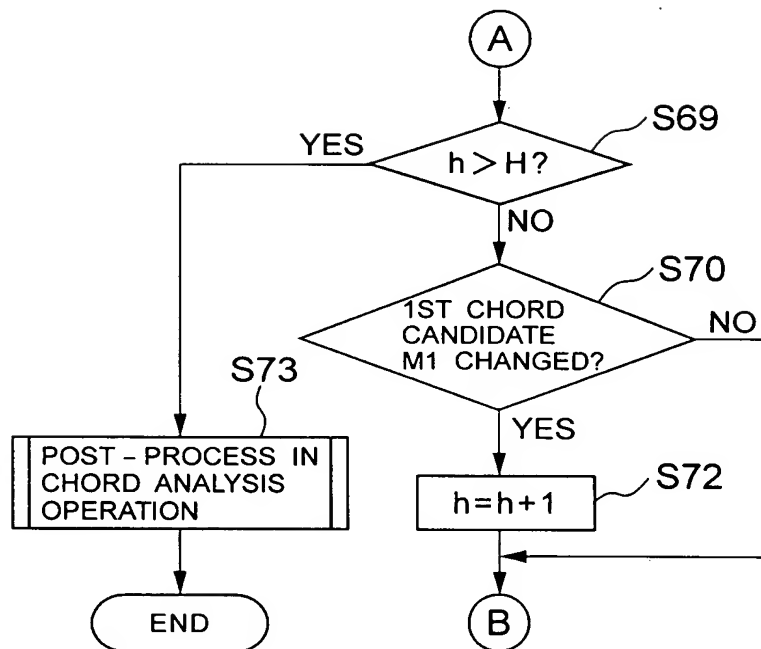
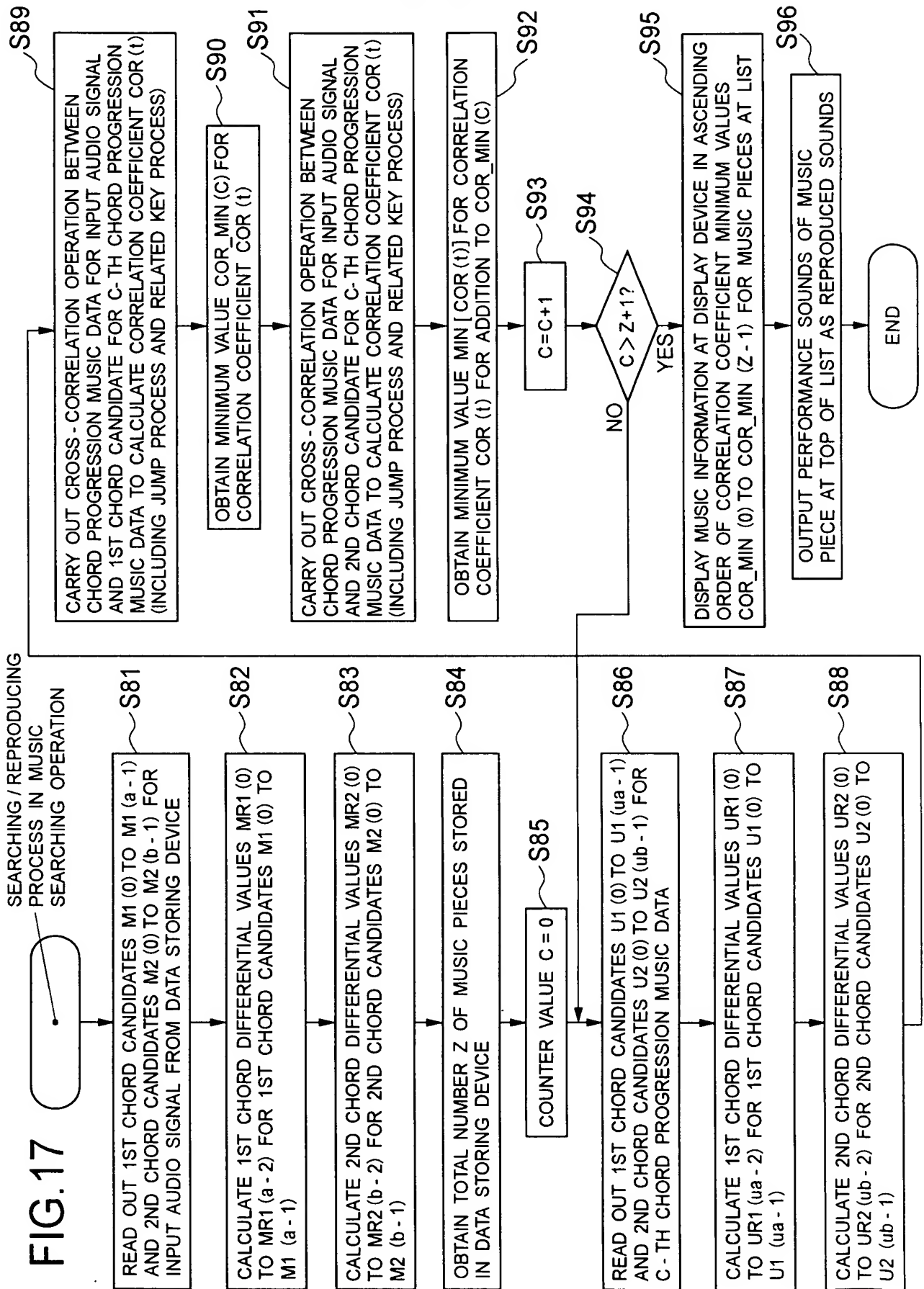


FIG.16





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FIG.18

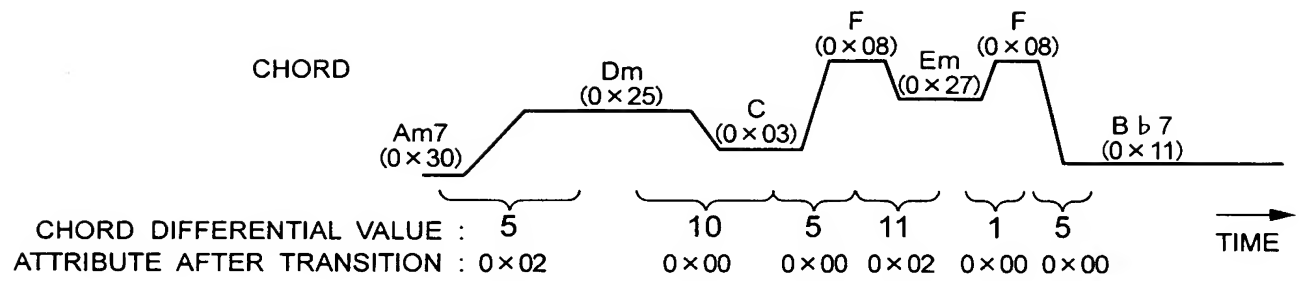


FIG.19A

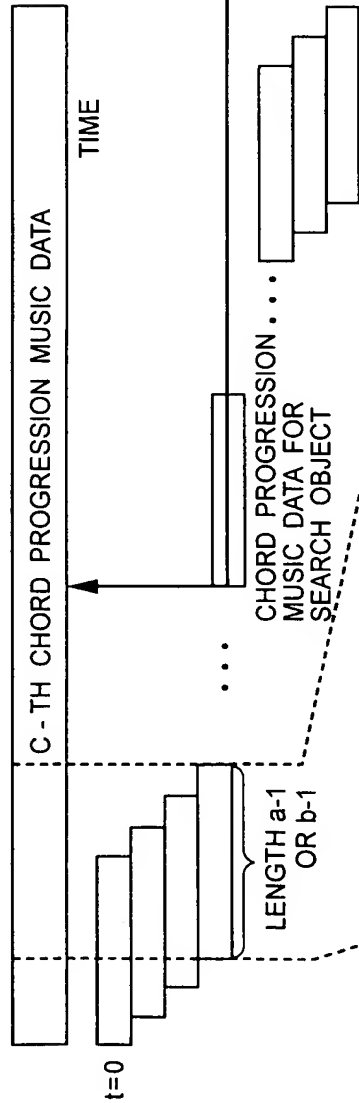


FIG.19B

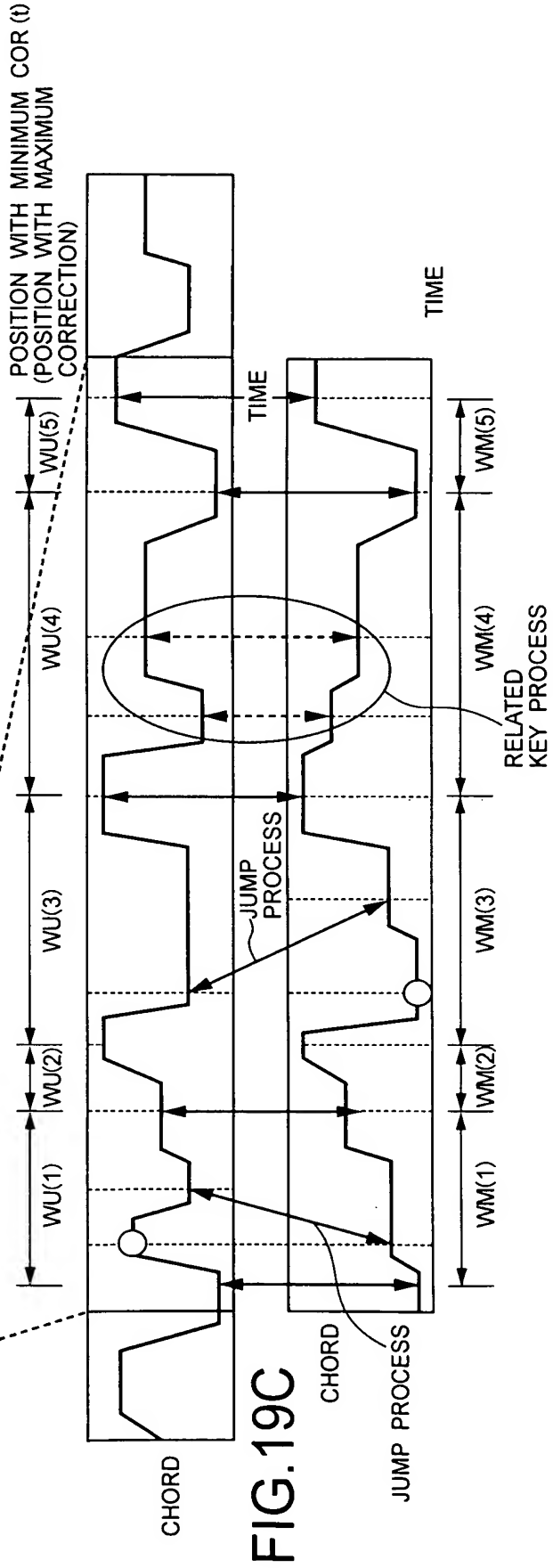
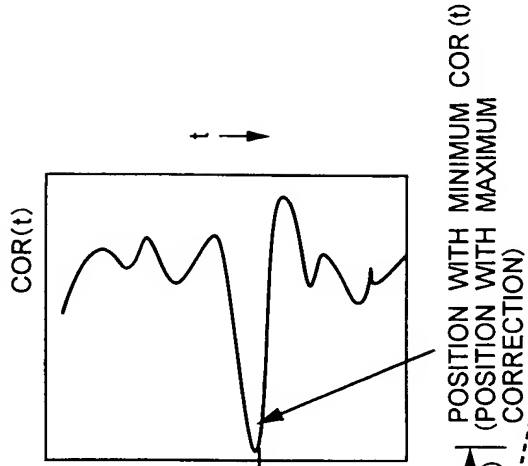


FIG.19C

FIG.20

